

Patent Claims

1. Container according to ISO standards as a mobile workroom for civilian and military use, comprising a cuboid metal frame of ISO corners (13, 31) and edge profiles connecting these ISO corners (13, 31) as well as thermally insulated side walls, ceiling and floor, where the edge profiles are designed in two parts and the two partial profiles (10, 11; 23, 20-22) of an edge profile run in parallel to one another, characterized in that the intermediate space between the two partial profiles (10, 11; 23, 20-22) is filled completely by a thermally insulating material (40) and side walls, ceiling and floor have a vacuum insulation layer (2).

2. Container according to Claim 1, characterized in that the two-part edge profiles are designed as two L-shaped partial profiles (10, 11) placed one inside the other, as two partial quarter-round profiles on the inside and on the outside or as an exterior partial quarter-round profile (23) on the outside and on the inside a quadrilateral or tubular profile (20).

3. Container as claimed in Claim 1 or 2, [characterized in] that a side wall, ceiling or floor comprises the following layers from the outside to the inside:

- ! exterior metal cover layer (1),
- ! vacuum insulation layer (2),
- ! other insulation layer (3) of a non-vacuum insulation material,
- ! plywood layer (4, 4'),
- ! interior metal or plastic cover layer (5).

4. Container as claimed in Claim 3, characterized in that reinforcing profiles (6) are provided for reinforcing the side wall, ceiling or floor, these profiles being in contact either with the interior metal cover layer (5) or the exterior metal cover layer (1) of a side wall, ceiling or floor and being separated from the other cover layer by an intermediate layer (7) of thermal insulation.

5. Container as claimed in Claim 4, characterized in that a web (6') of a reinforcing profile (6) of the container surfaces consists of a metal material, preferably stainless steel, having a low thermal conductivity.

6. Container as claimed in Claim 4 or 5, characterized in that a reinforcing profile (6) comprises two webs which are inclined toward a side wall, the ceiling or the floor, with the webs being arranged so they are symmetrical with one another with respect to a plane of symmetry oriented perpendicular to a side wall, ceiling or floor.

7. Container as claimed in any one of the preceding claims, characterized in that the areas of the ISO corners (13, 31) which protrude into the interior are covered with a thermally insulating material (30).

8. Container as claimed in any one of the preceding claims, characterized in that it has openings for doors or drop doors on the side wall, bottom or ceiling, with the frame for the openings and/or drop doors being thin-walled and made of a metal material having a low thermal conduction, with partial profiles (42, 43; 44, 45) of the frame which are in contact with the inside or outside of the container being designed so they are separated from one another by a thermally insulating layer (46, 47).